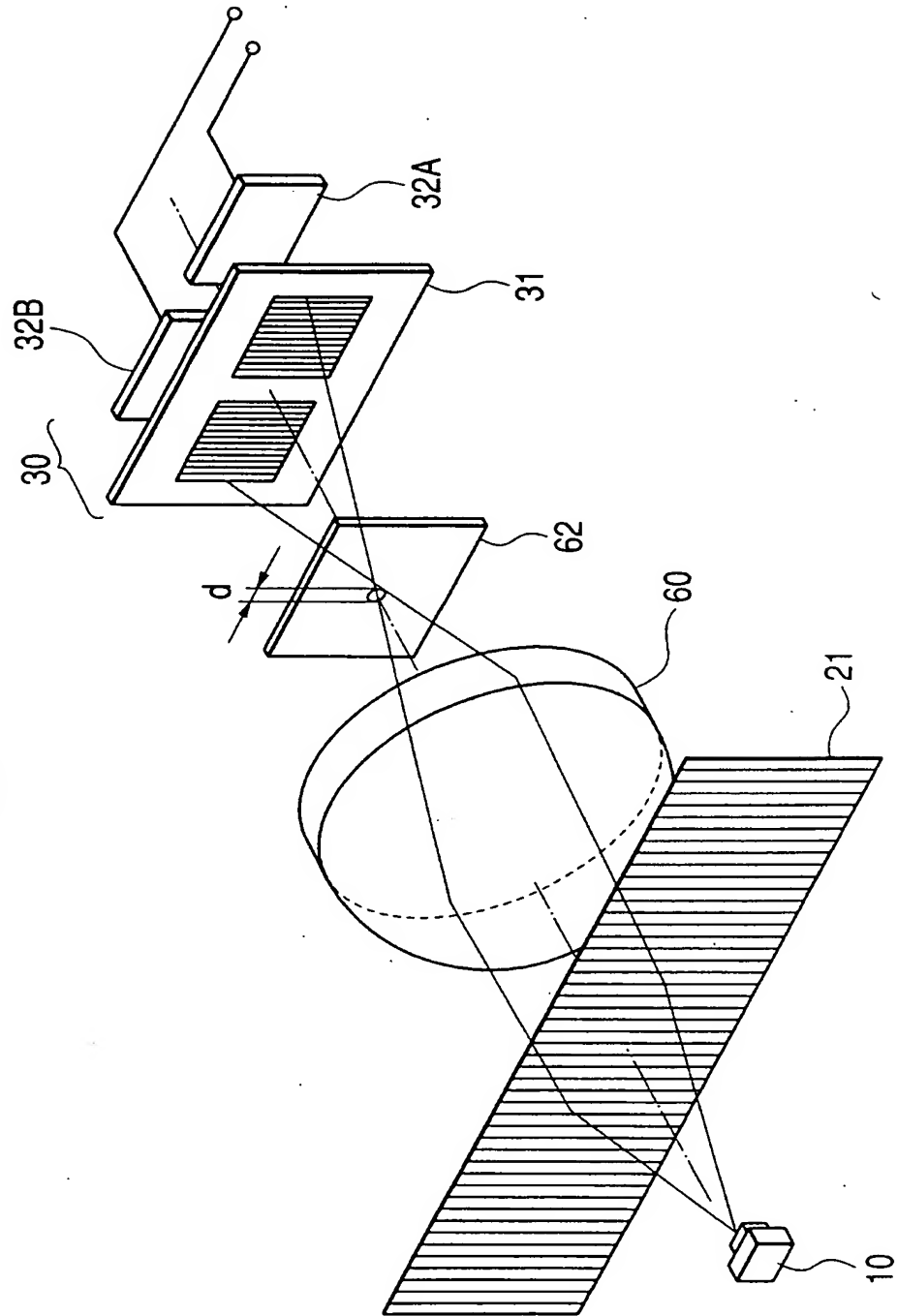




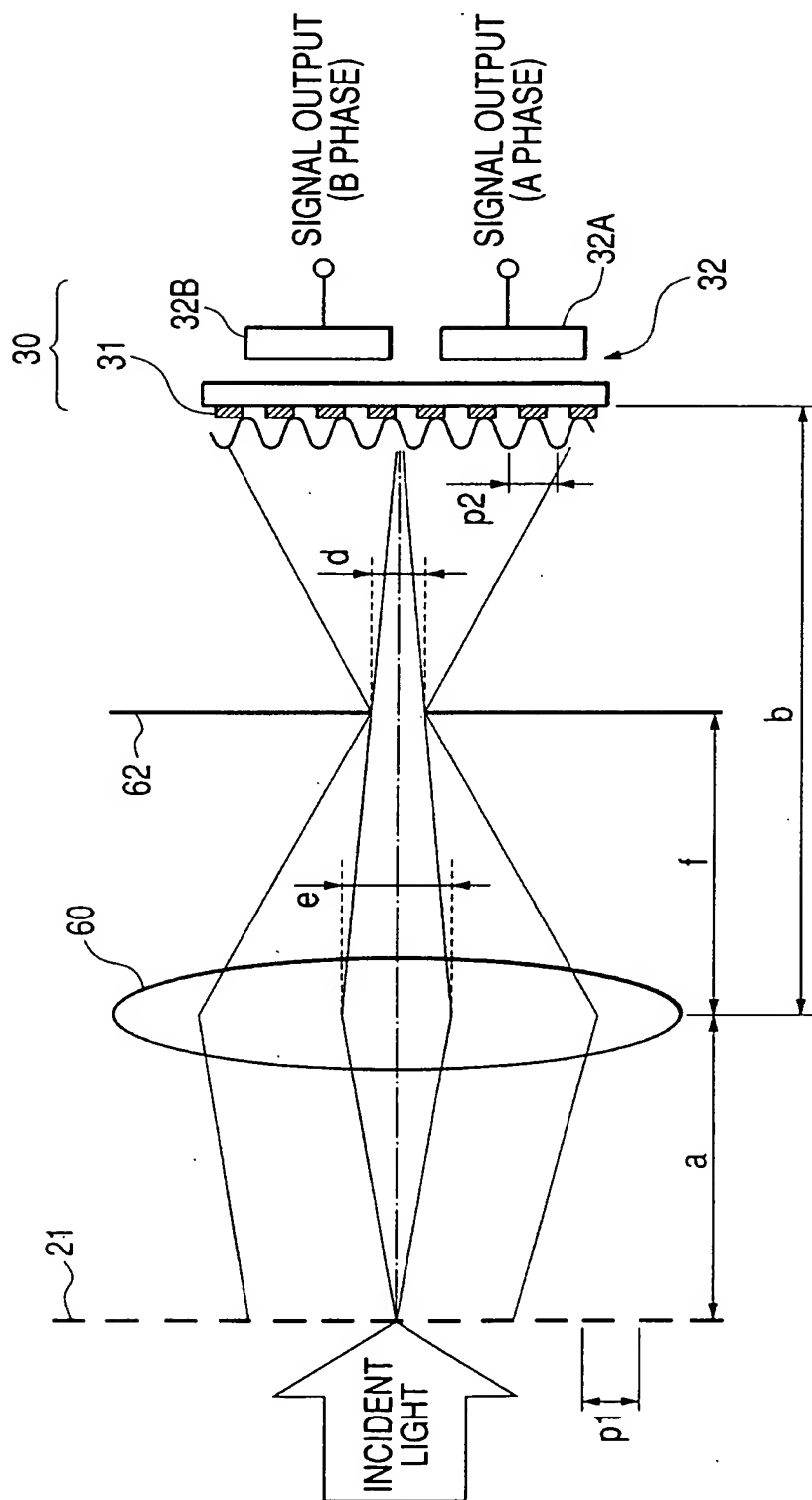
1/28

FIG. 1



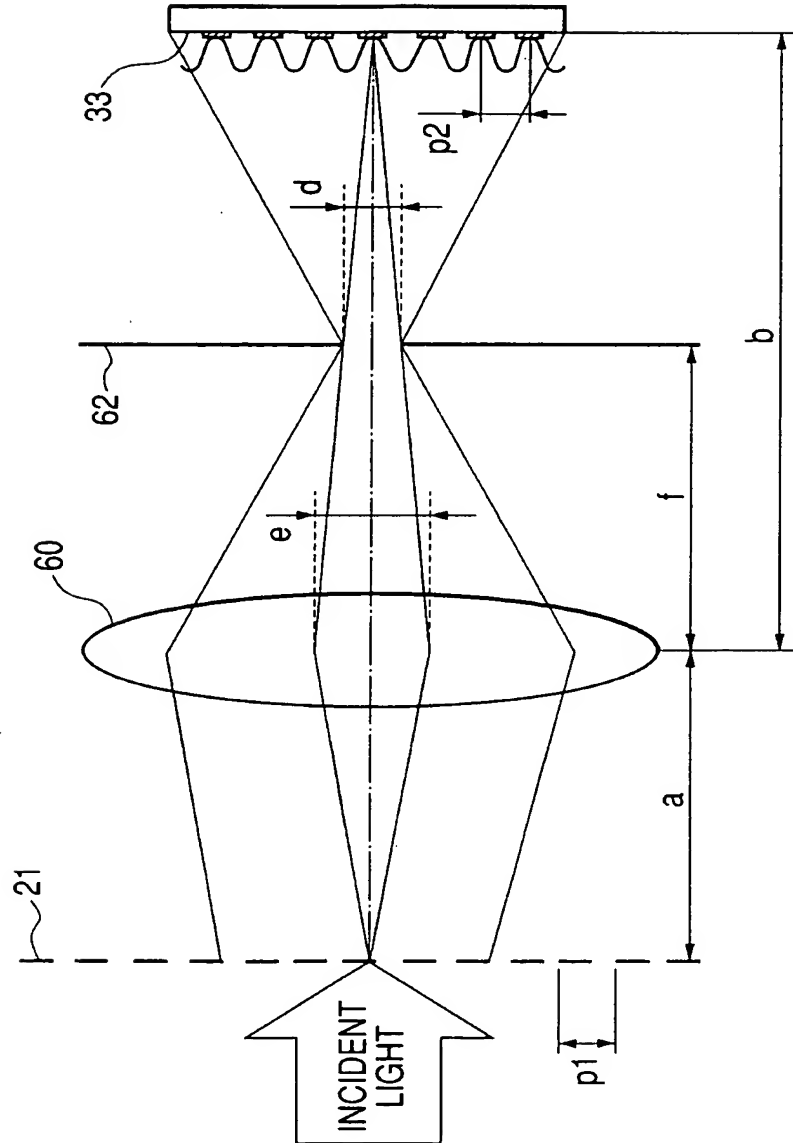
2/28

FIG. 2



3/28

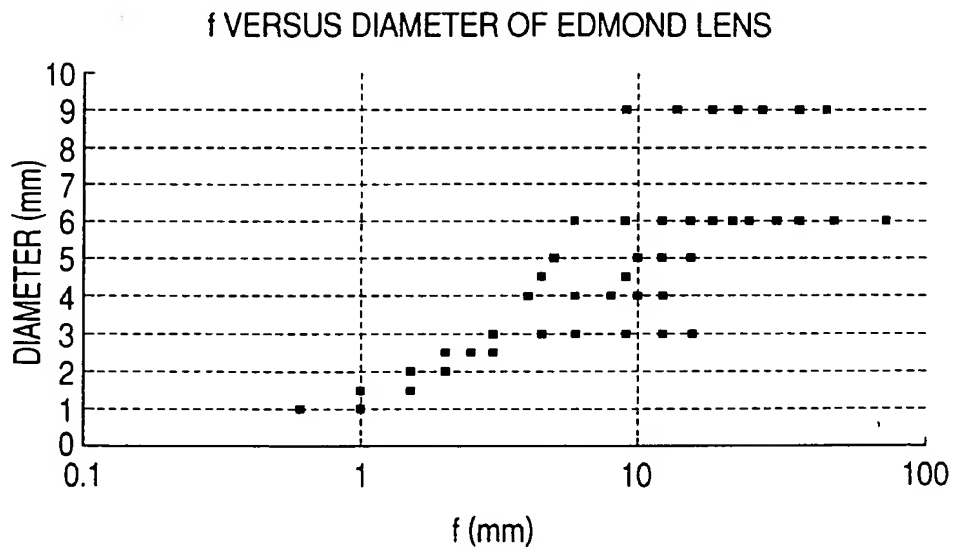
FIG. 3



4/28

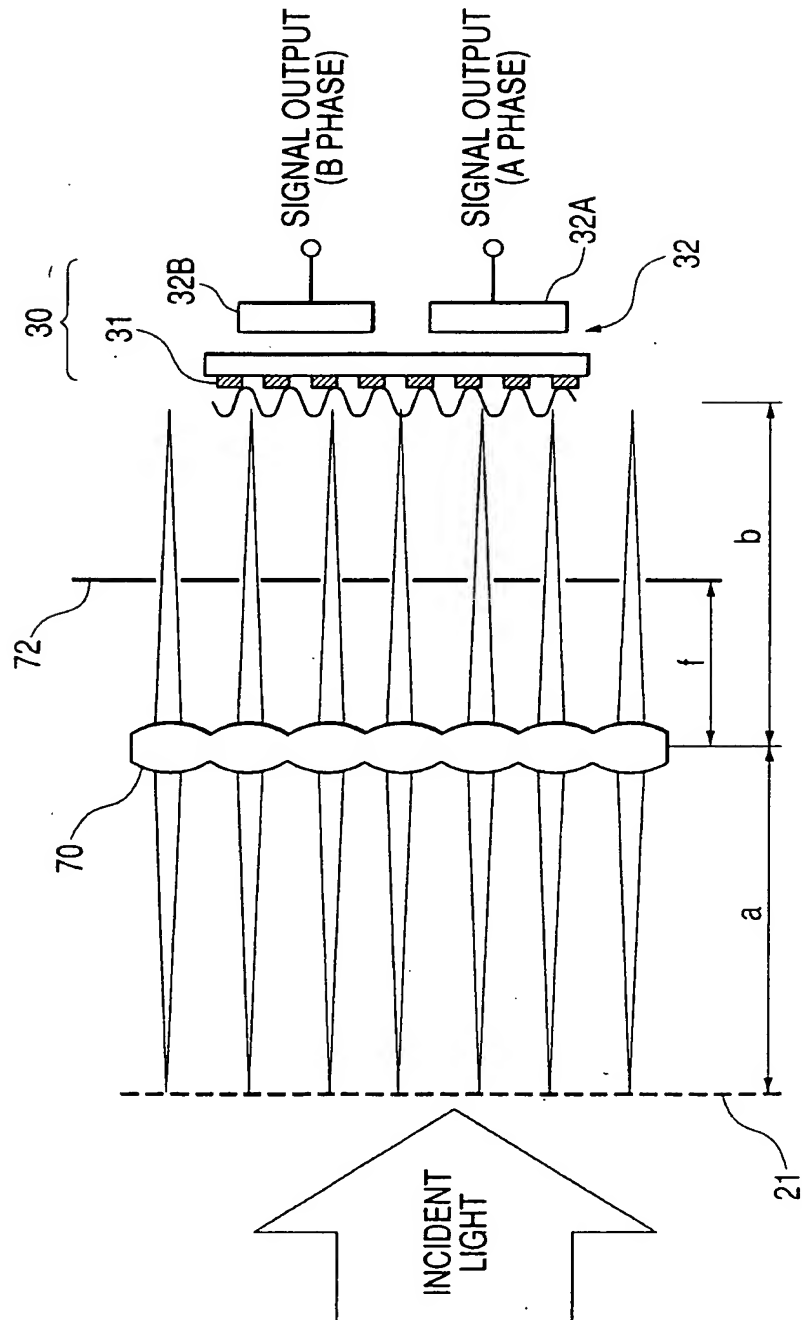
FIG. 4

OUTER DIAMETER DIS. (mm)	EFFECTIVE FOCAL LENGTH EFL (mm)
1.0	0.6
1.0	1.0
1.5	1.0
1.5	1.5
2.0	1.5
2.0	2.0
2.5	2.0
2.5	2.5
2.5	3.0
3.0	3.0
3.0	4.5
3.0	6.0
3.0	9.0
3.0	12.0
3.0	15.0
4.0	4.0
4.0	6.0
4.0	8.0
4.0	10.0
4.0	12.0
4.5	4.5
4.5	9.0
5.0	5.0
5.0	10.0
5.0	12.0
5.0	15.0
6.0	6.0
6.0	9.0
6.0	12.0
6.0	15.0
6.0	18.0
6.0	21.0
6.0	24.0
6.0	30.0
6.0	36.0
6.0	48.0
6.0	72.0
9.0	9.0
9.0	13.5
9.0	18.0
9.0	22.0
9.0	27.0
9.0	36.0
9.0	45.0



5/28

FIG. 5



6/28

FIG. 6

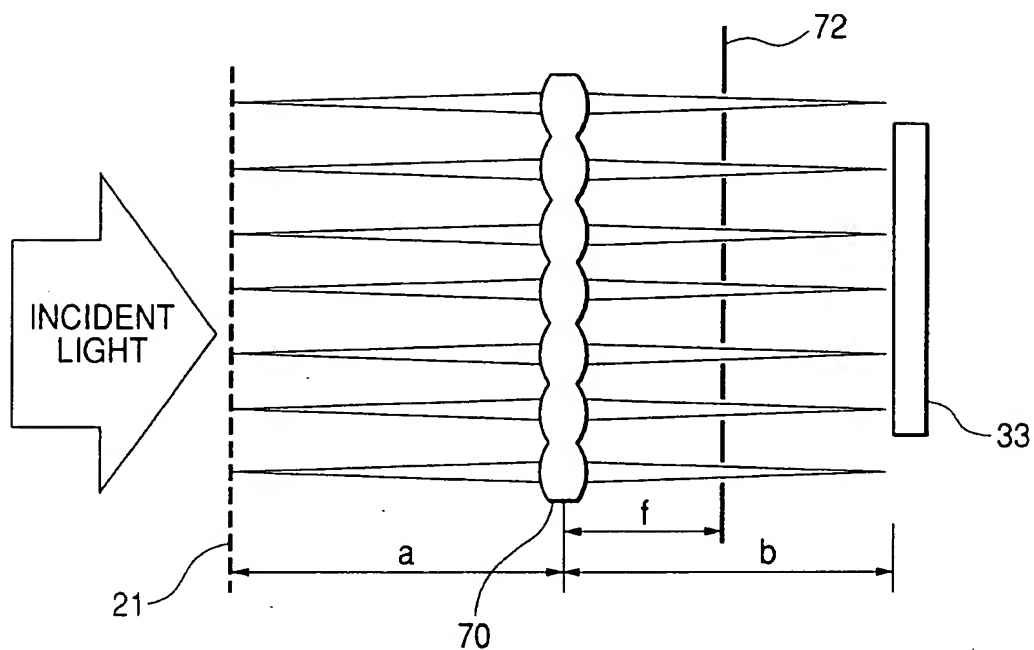
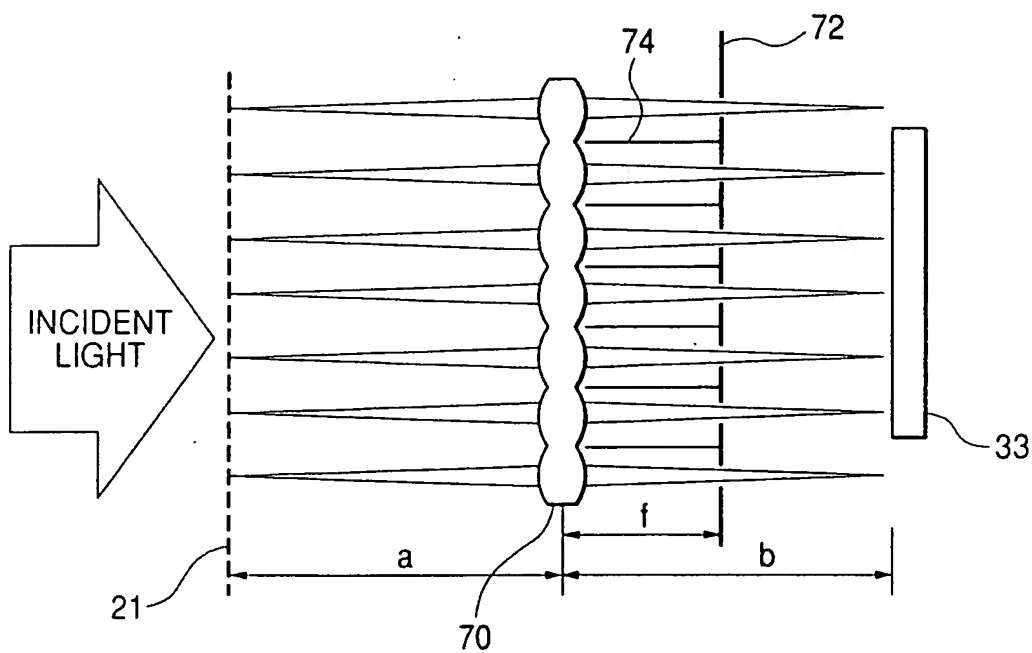


FIG. 7



7/28

FIG. 8

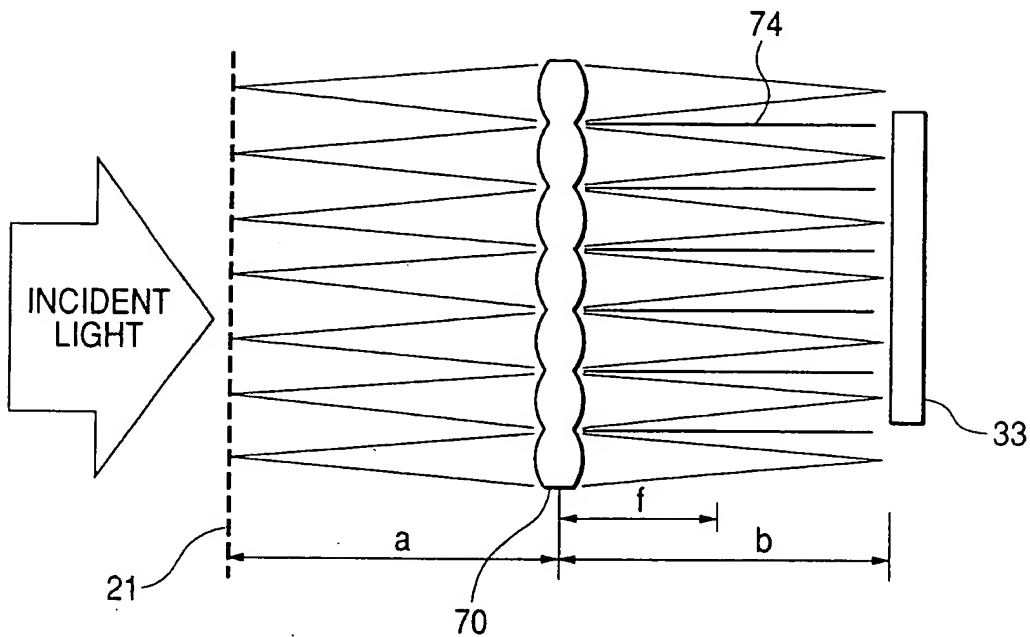
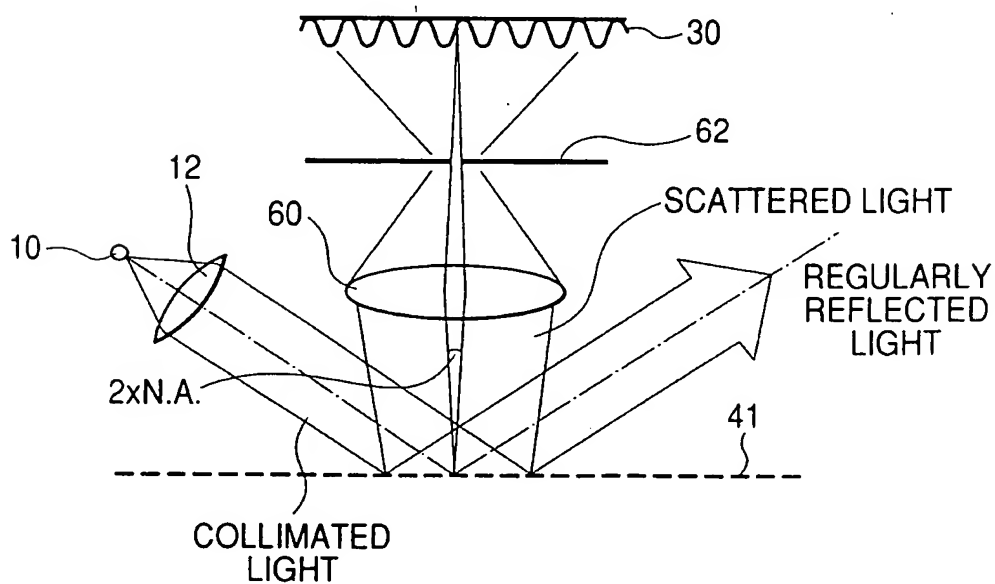
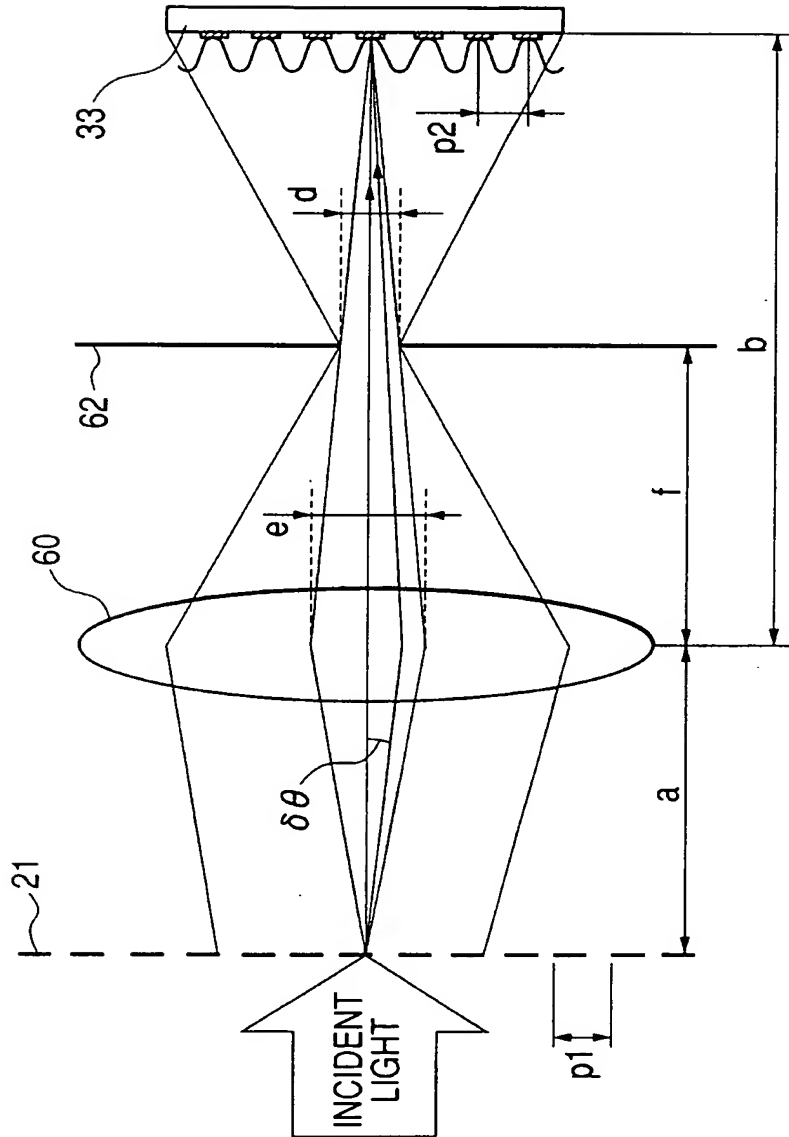


FIG. 9



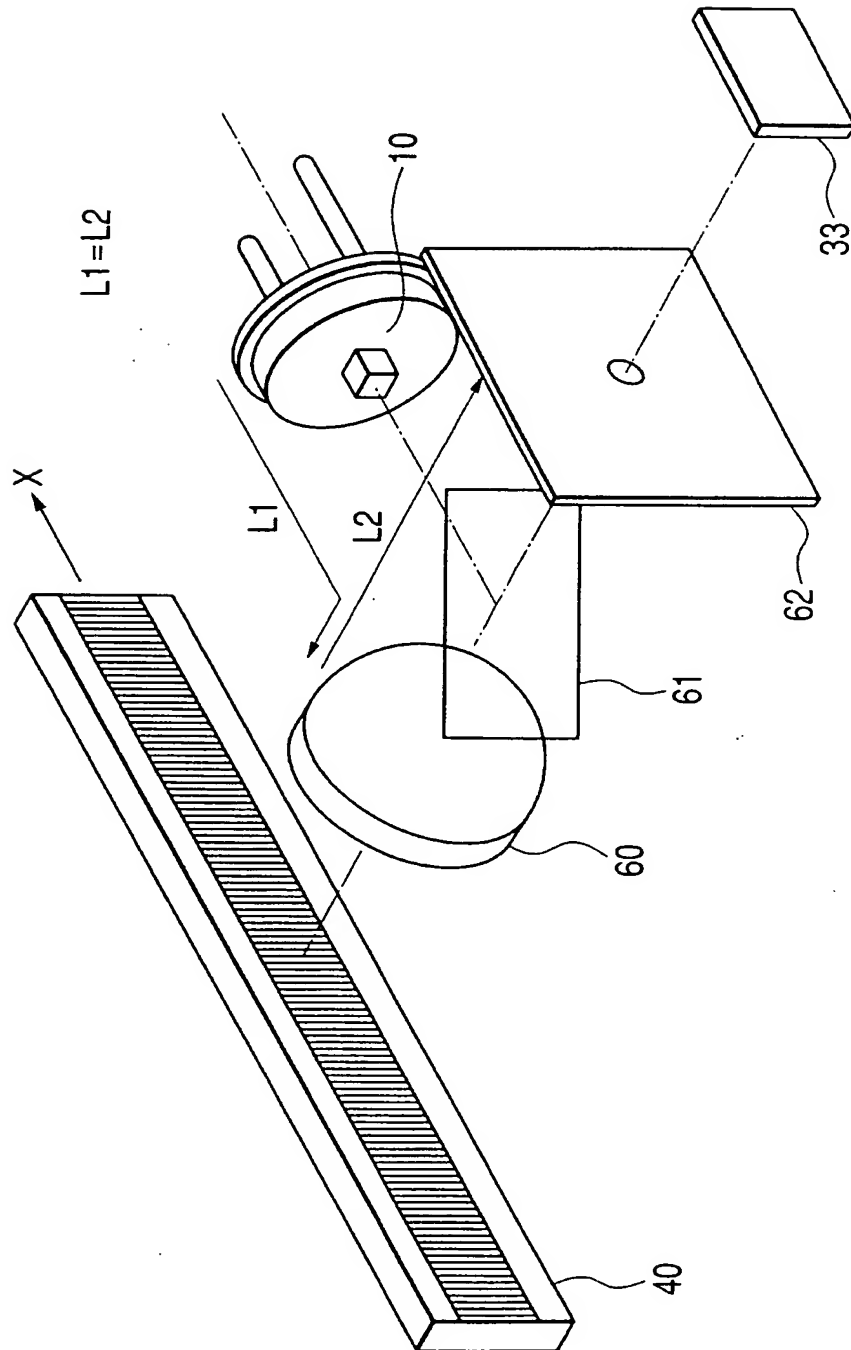
8/28

FIG. 10



9/28

FIG. 11



10/28

FIG. 12

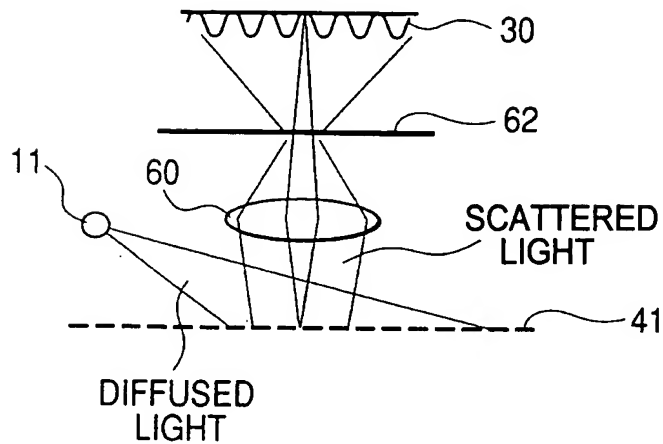


FIG. 13

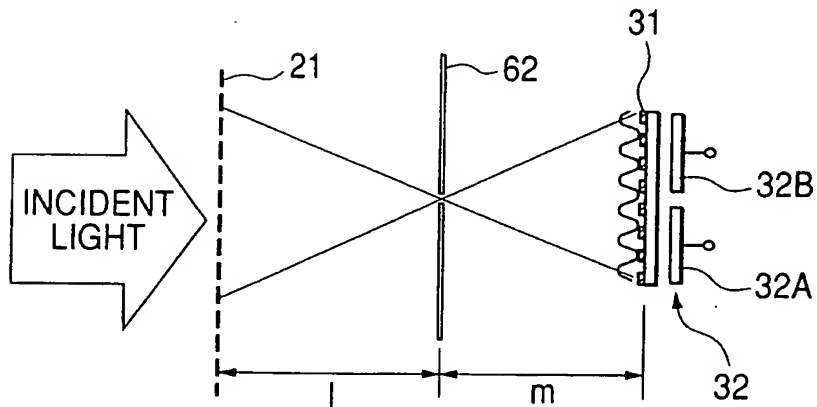
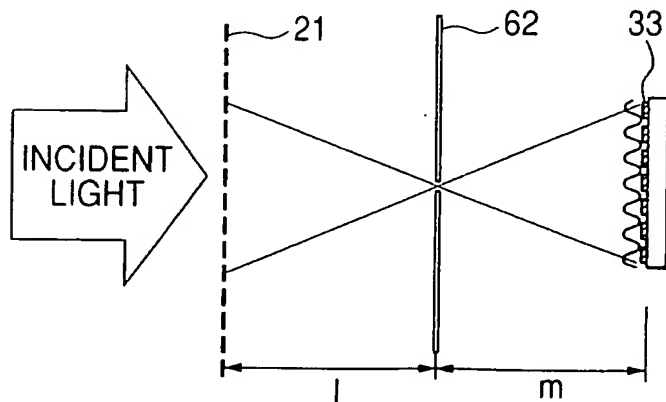
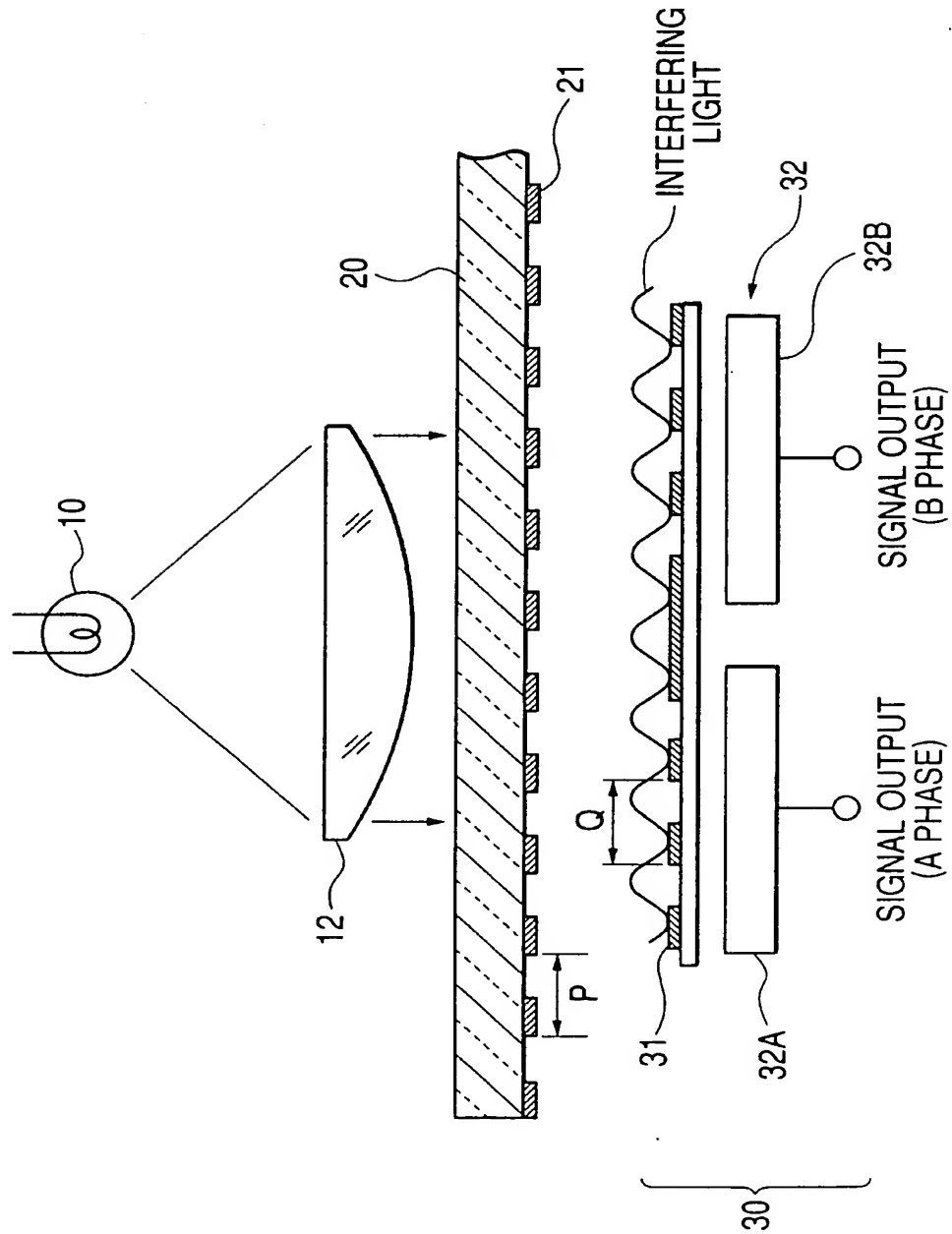


FIG. 14



11/28

FIG. 15
 PRIOR ART



12/28

FIG. 16
PRIOR ART

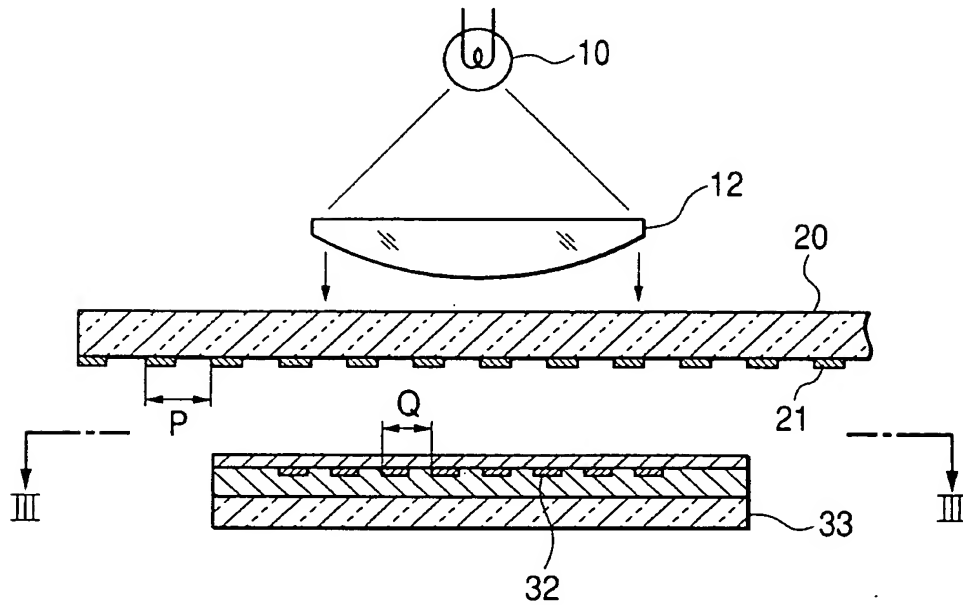
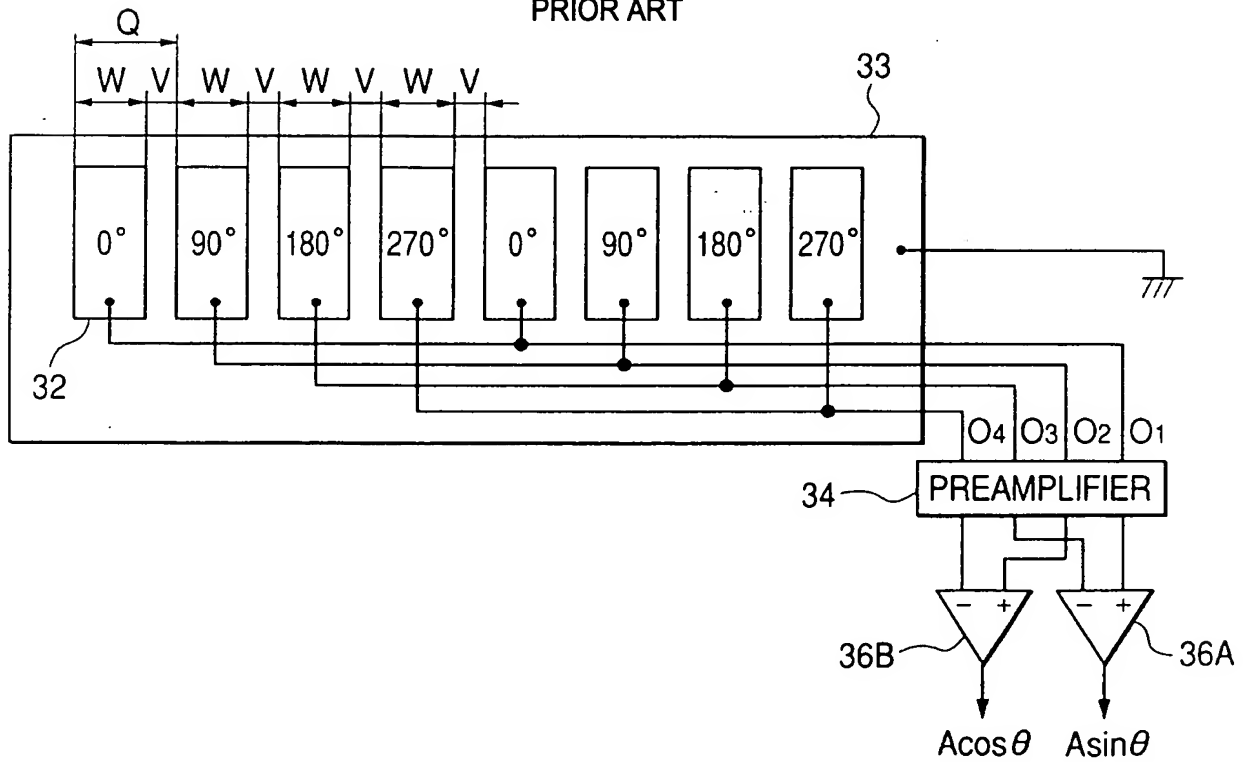


FIG. 17
PRIOR ART



13/28

FIG. 18
PRIOR ART

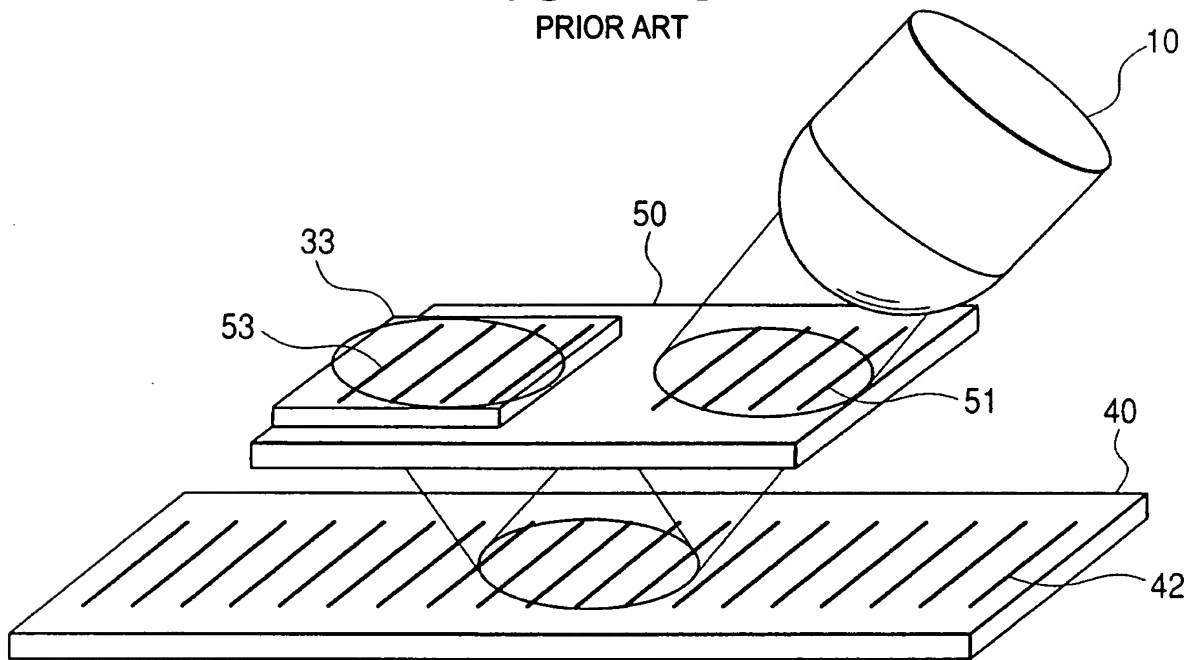
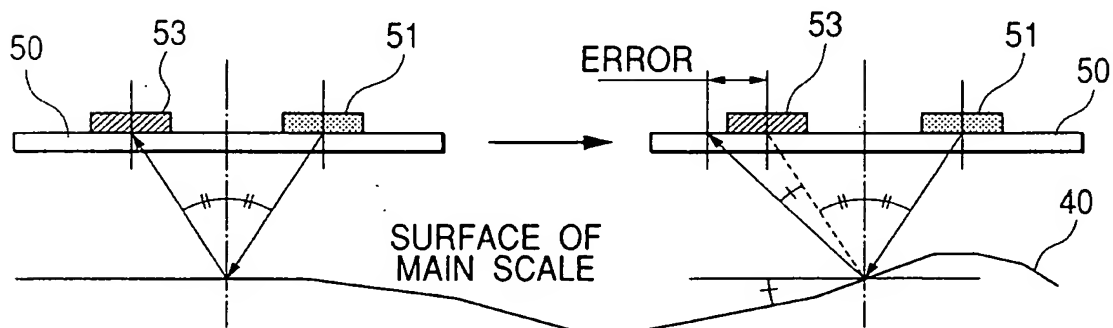
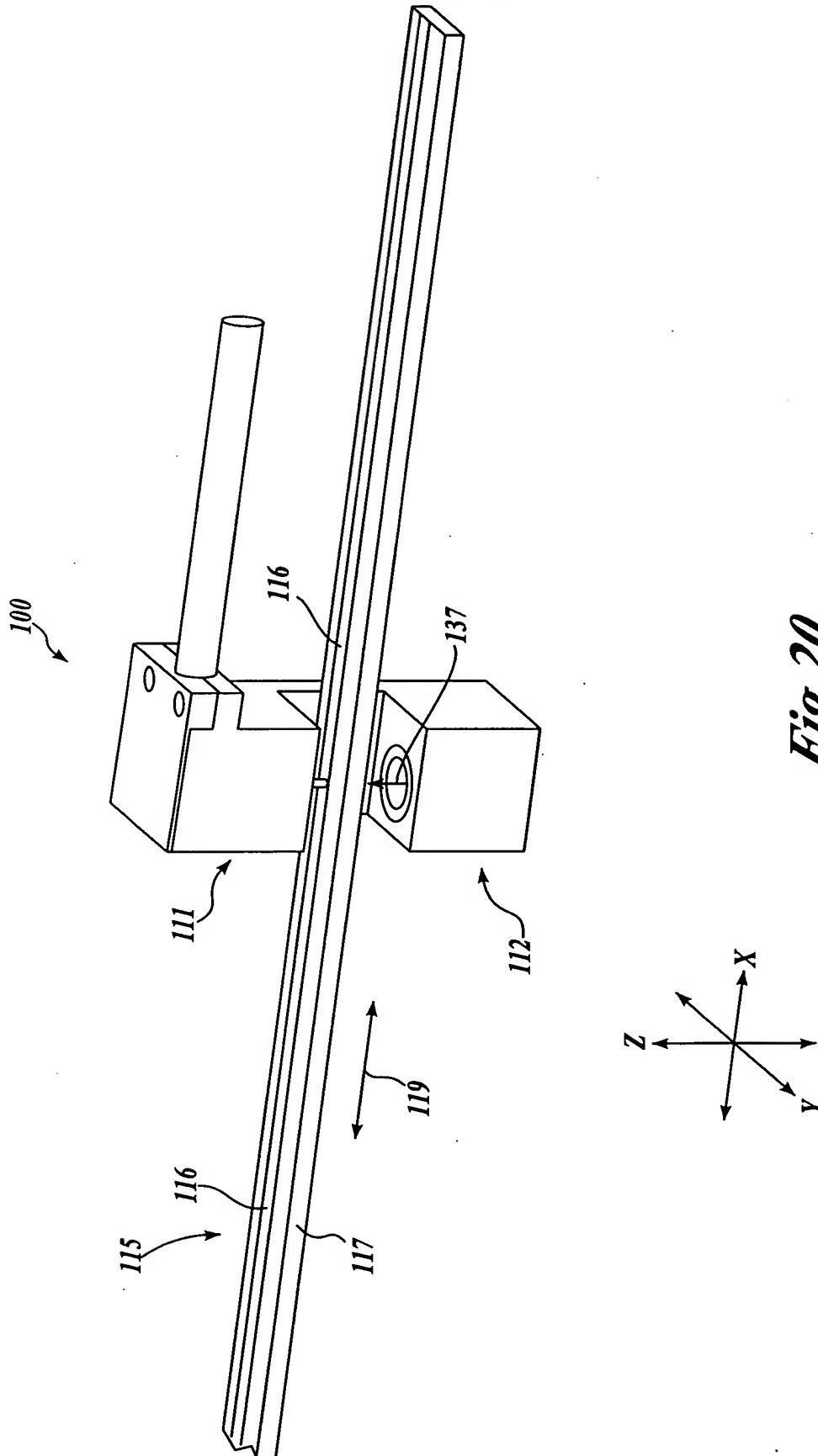


FIG. 19
PRIOR ART



14/28



15/28

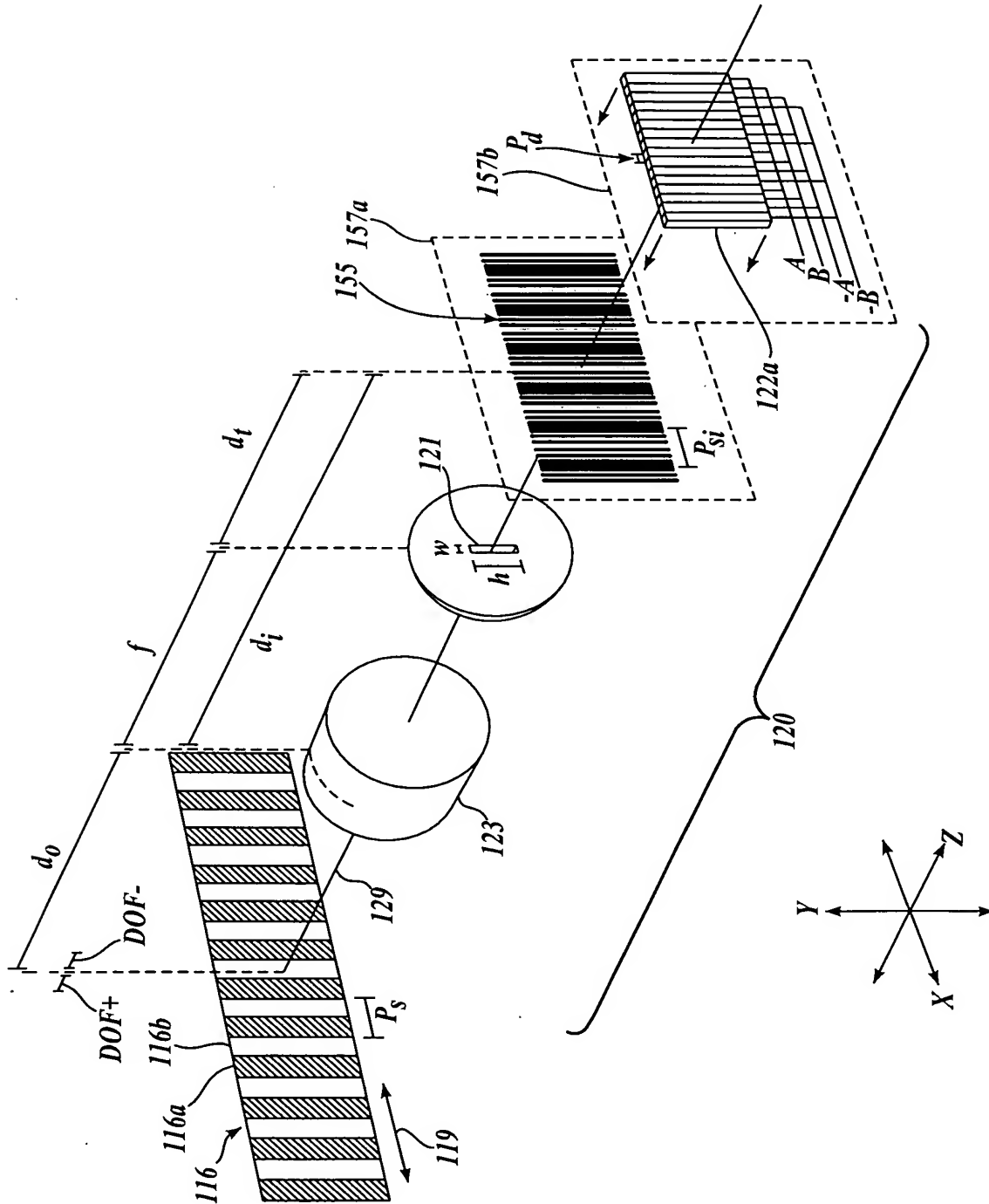


Fig. 21.

Figure 1 shows two sinusoidal signals, Sig.1 and Sig.2, plotted against time. Sig.1 is a sine wave starting at zero, and Sig.2 is a cosine wave starting at its maximum value. The phase difference between them is indicated as 90° .

17/28

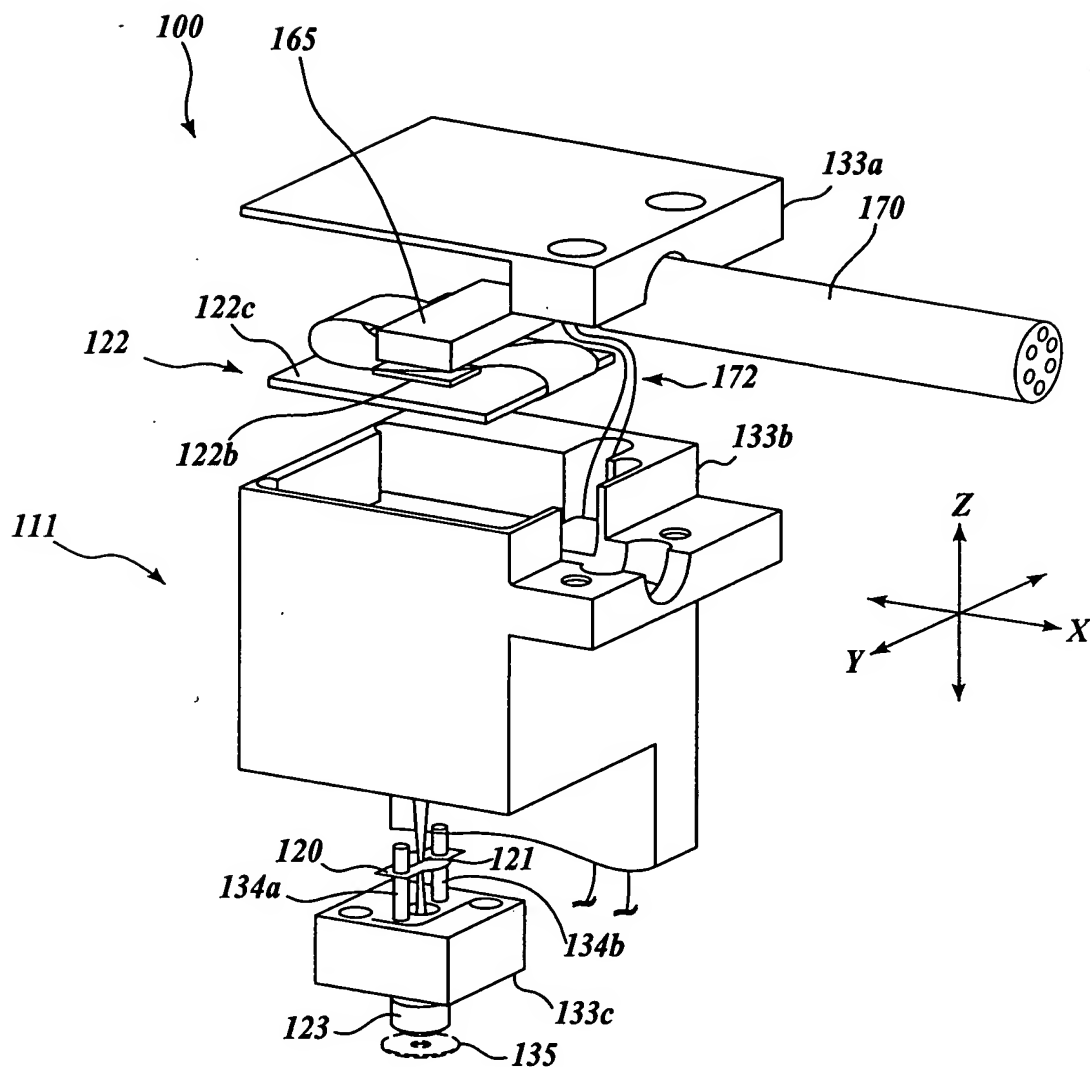


Fig. 24.

18/28

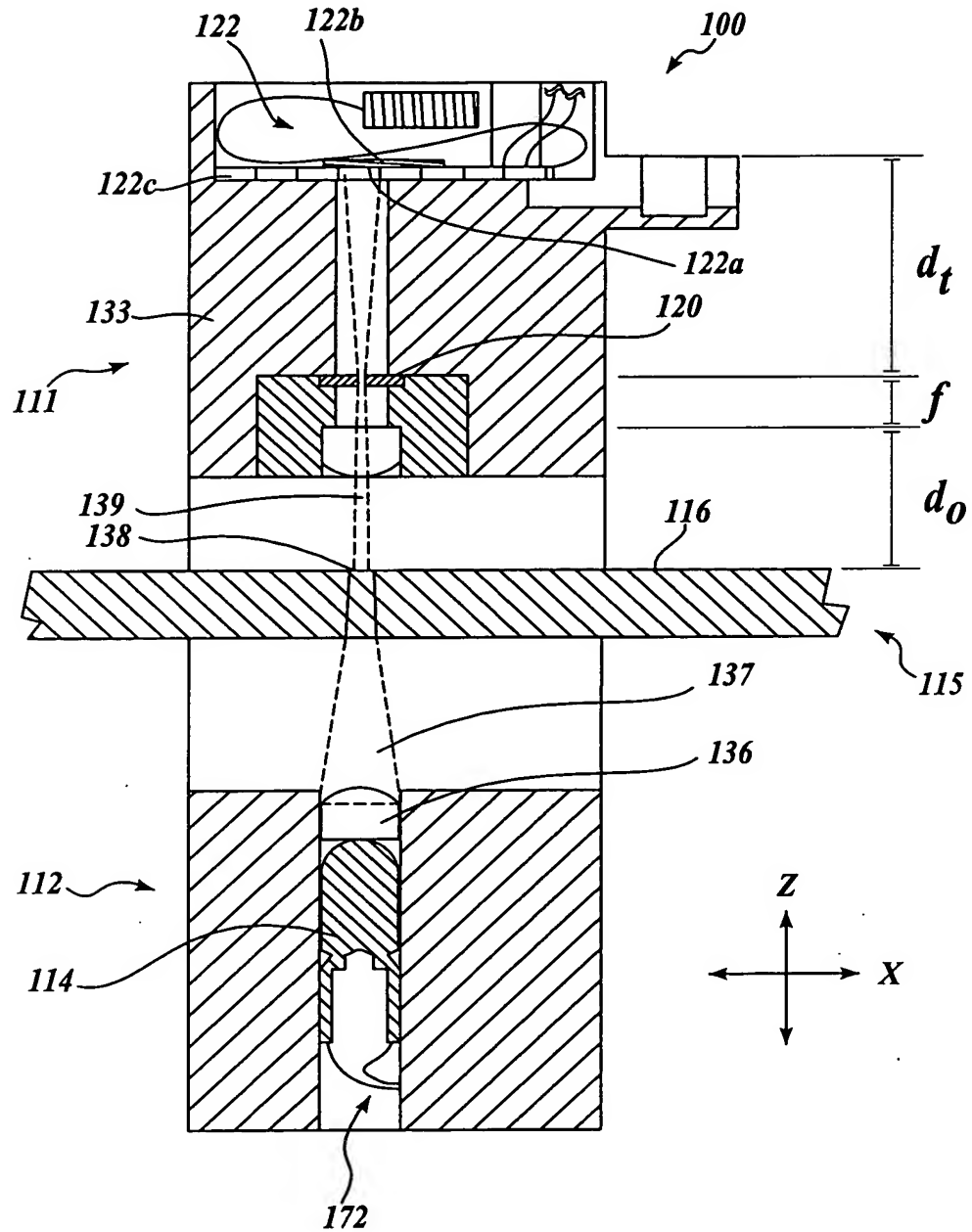


Fig. 25.

19/28

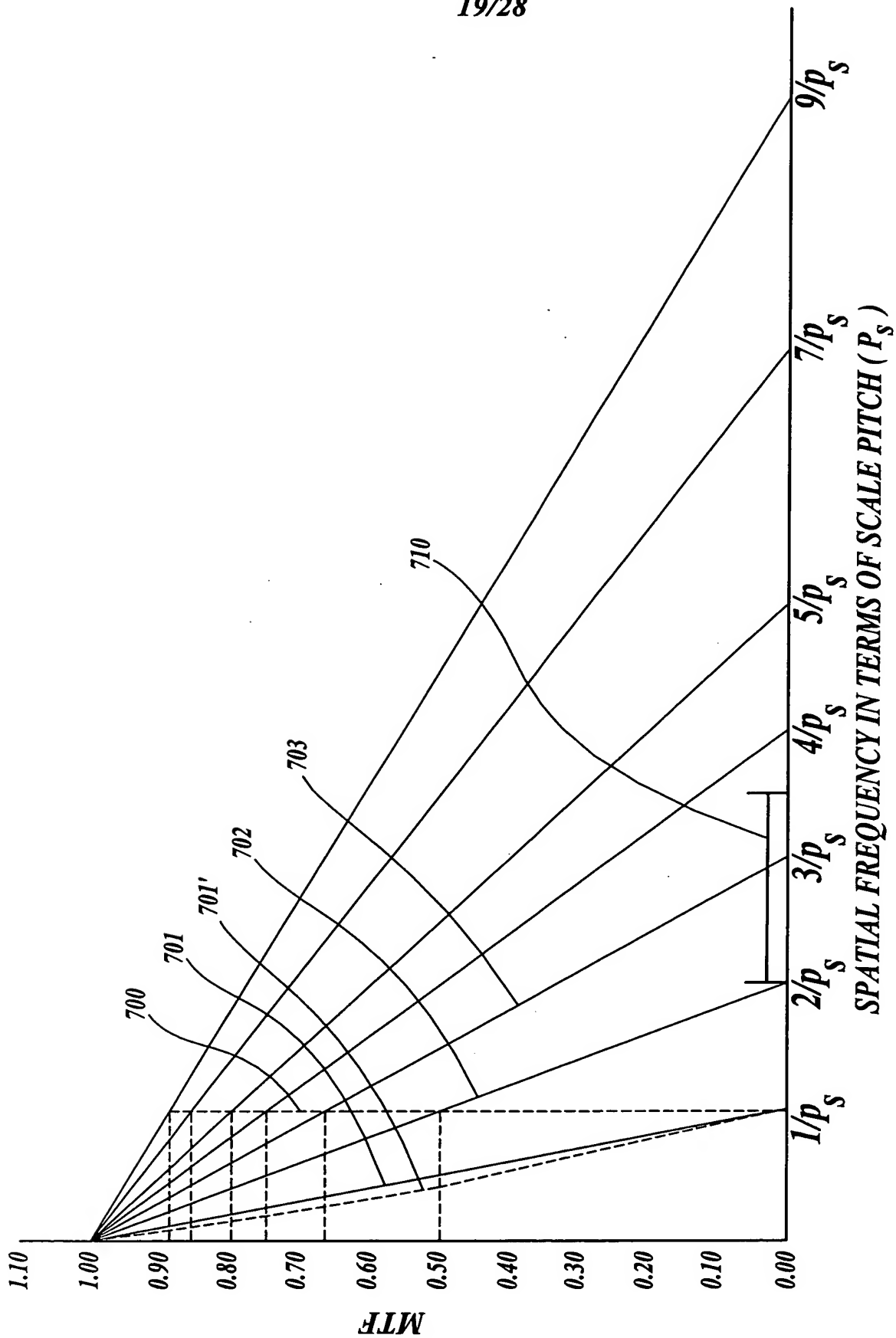


Fig. 26.

20/28

21/28

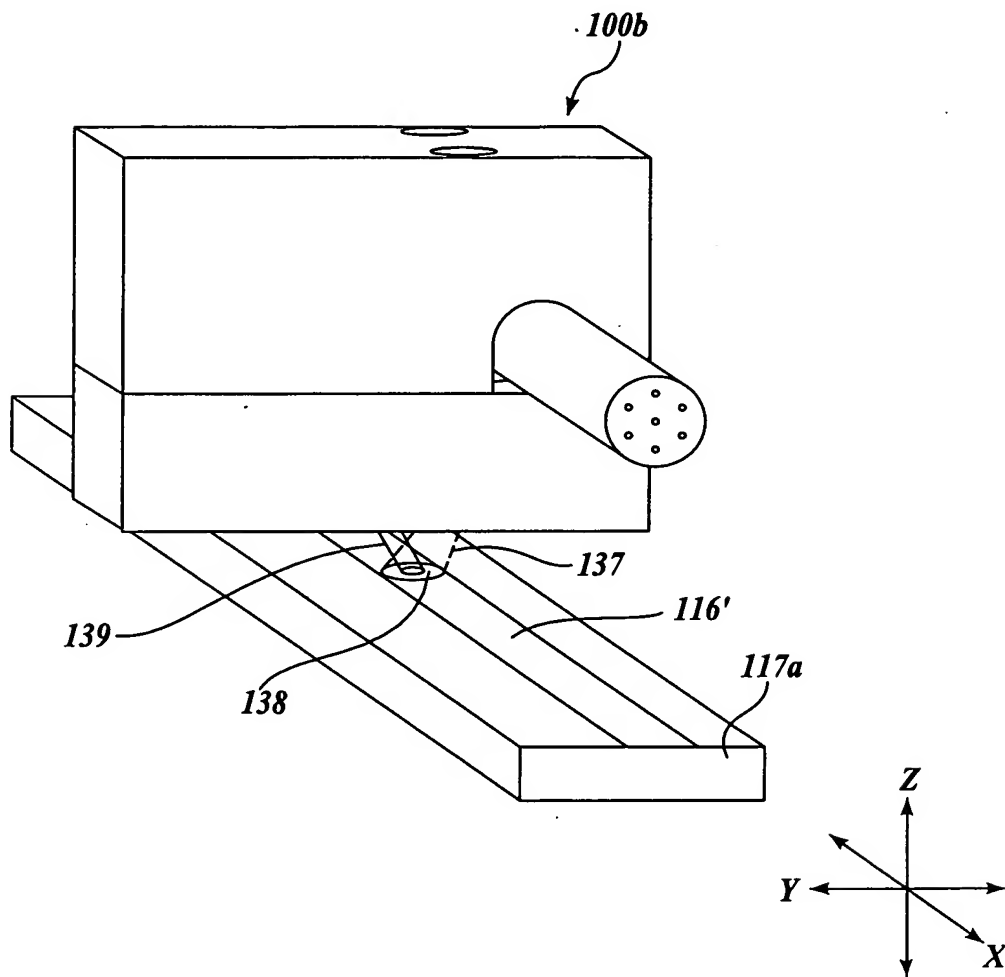


Fig. 28.

22/28

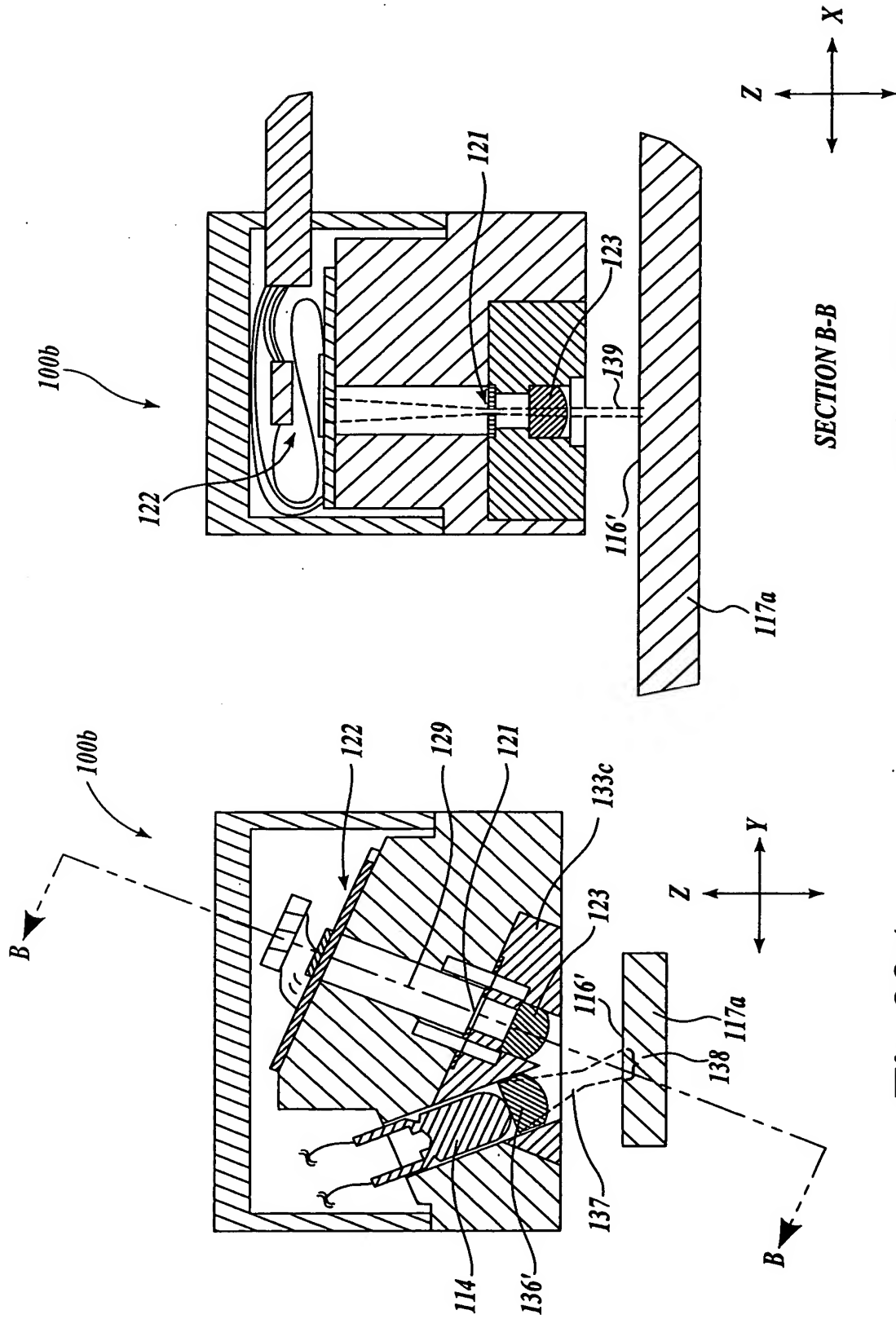


Fig. 29B.

Fig. 29A.

23/28

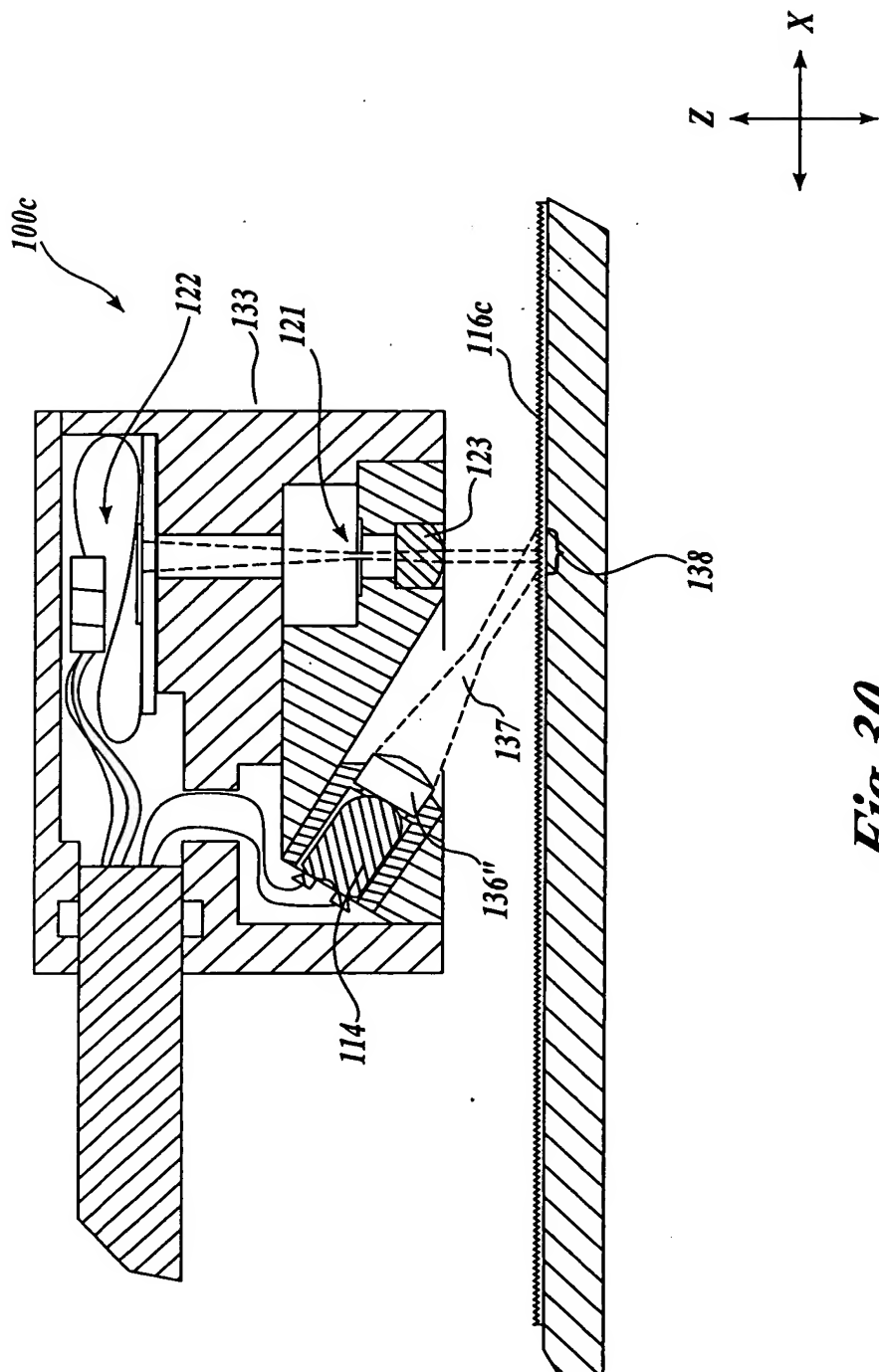


Fig. 30.

24/28

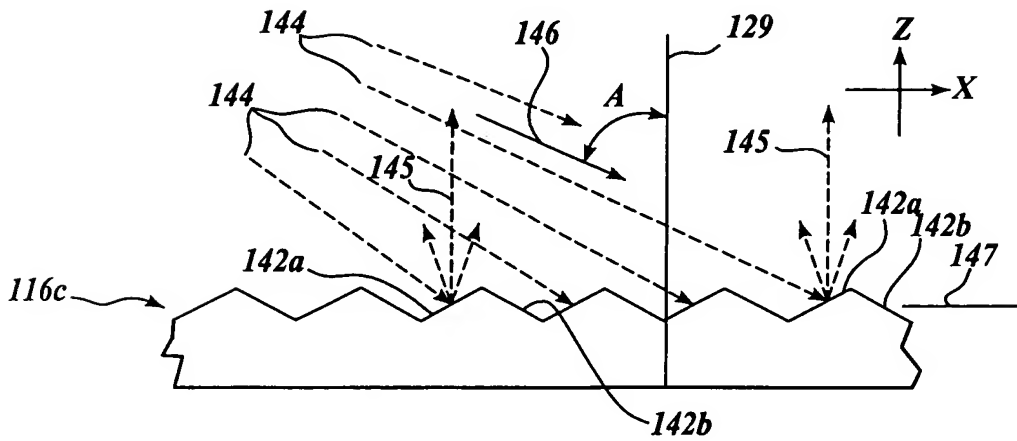


Fig. 31.

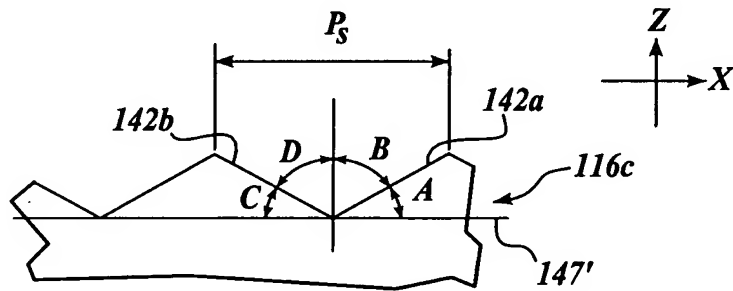


Fig. 32.

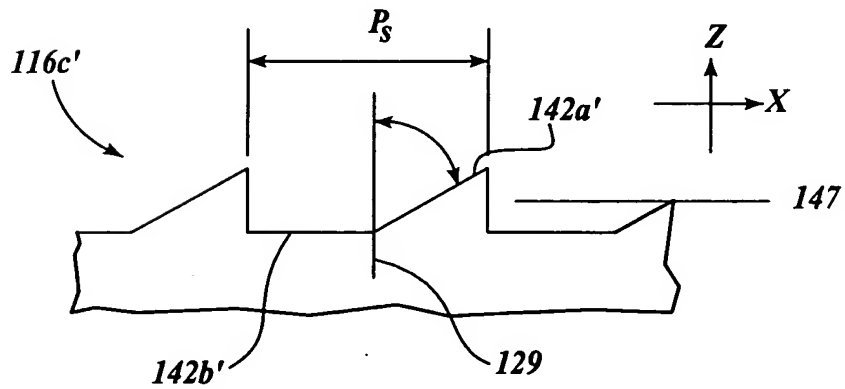


Fig. 33.

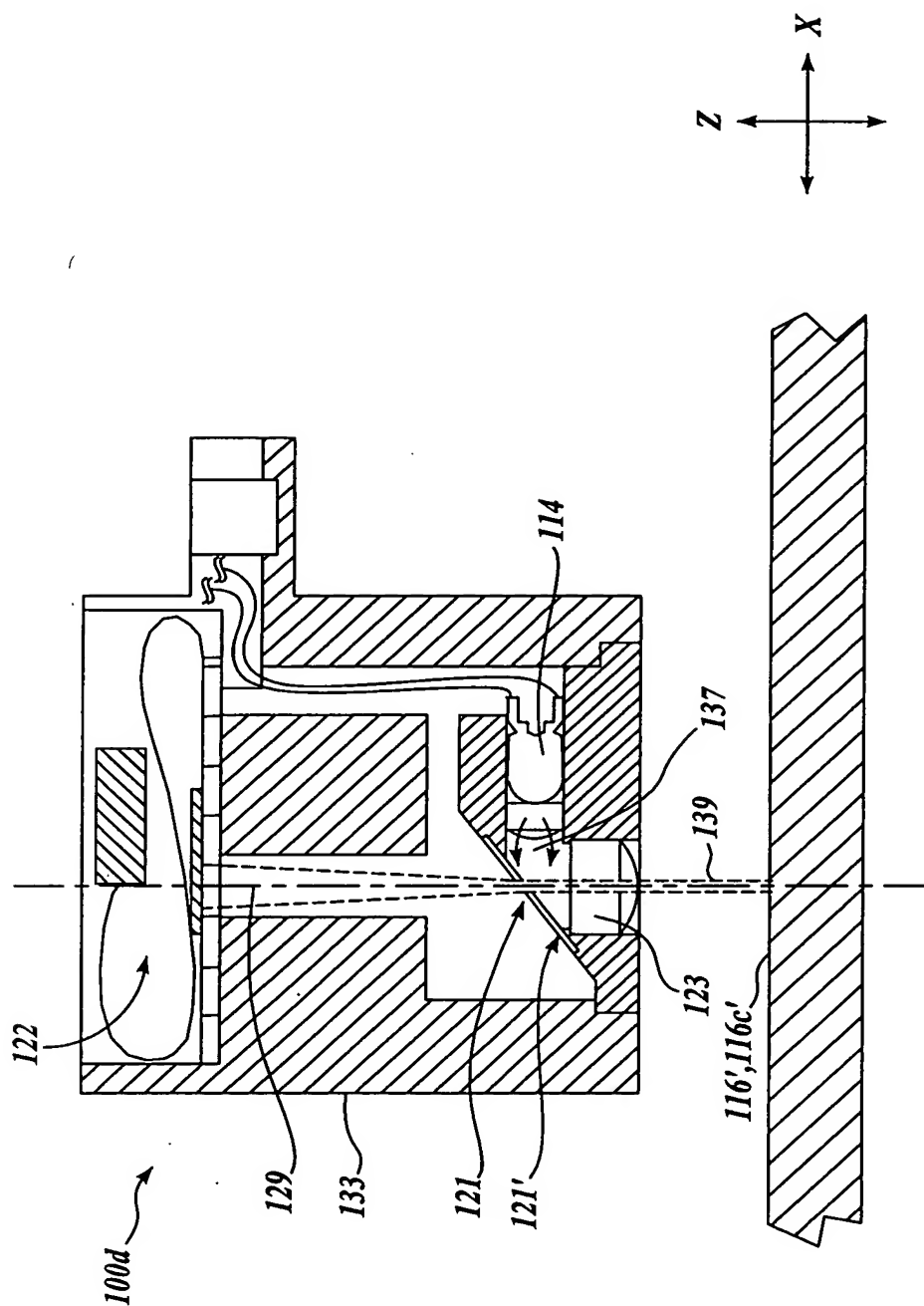
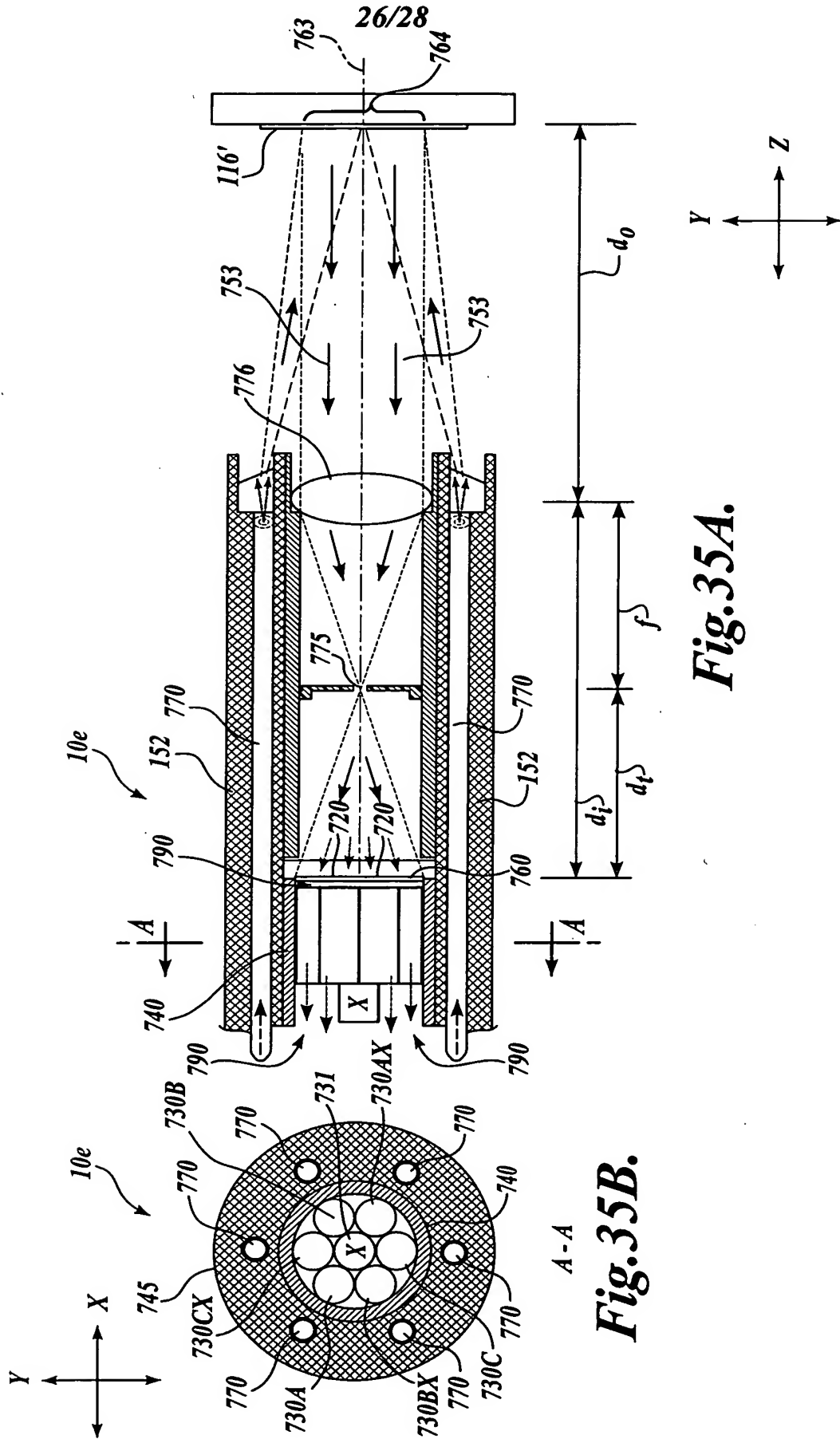


Fig. 34.



27/28

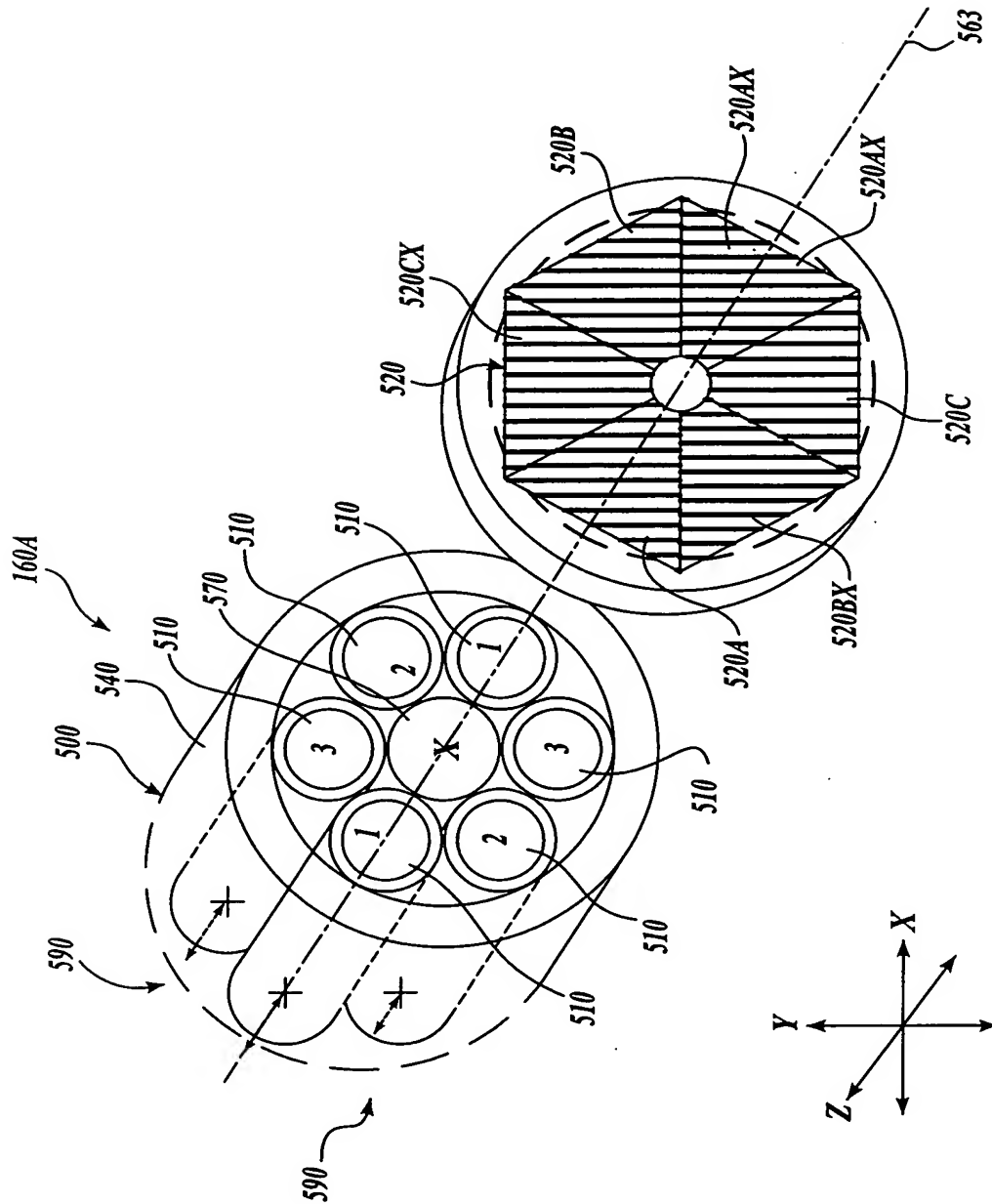


Fig. 36.

28/28

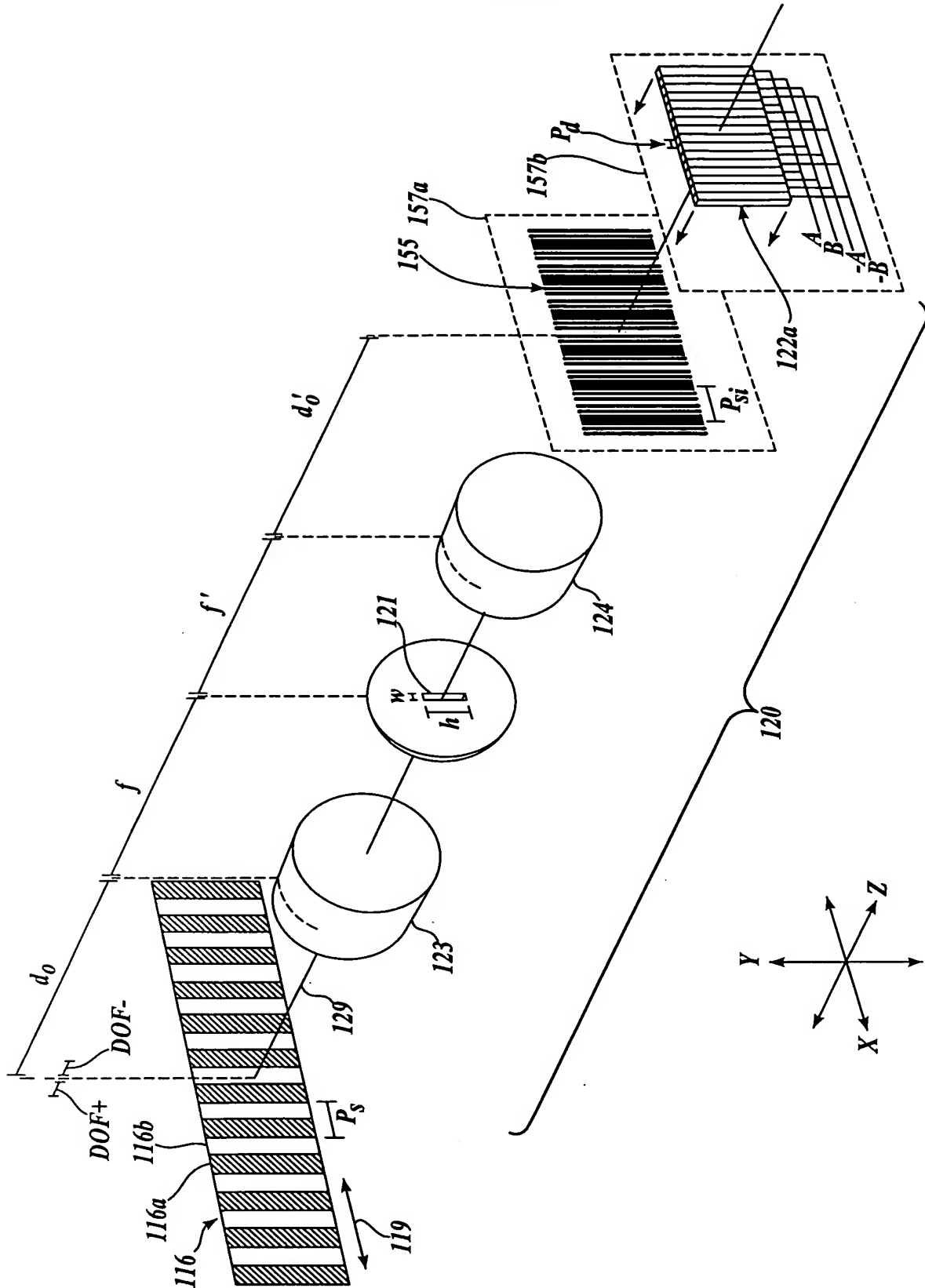


Fig.37.